

Converting Colors

XYZ(65.9068, 65.6605, 67.9960)

Have a look what the booklet for
XYZ(65.9068, 65.6605, 67.9960)
contains.

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Color

**XYZ(66.2084, 65.9536,
68.2722)**

Conversions

Conversions Part 1

Format	Color
Hex	E6CFCF
RGB	230, 207, 207
RGB Percent	90%, 81%, 81%
CMY	0.0980, 0.1882, 0.1882
CMYK	0.00, 0.10, 0.10, 0.10
HSL	0°, 32%, 86%
HSV	0°, 10%, 90%
XYZ	66.2084, 65.9536, 68.2722
YIQ	213.8770, 13.7080, 4.8760

Conversions

Conversions Part 2

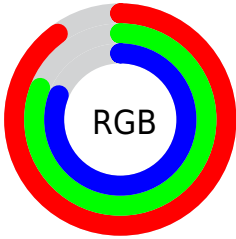
Format	Color
R _Y B	230, 207, 207
Decimal	15126479
CIE Lab	84.97, 8.00, 2.91
CIE LCh	85, 8.514, 19.979
Yxy	65.9536, 0.3303, 0.3291
Android (android.graphics.Color)	4293316559 (0xFFE6CFCF)
YUV	213.8770, -3.3904, 14.1399
Hunter-Lab	81.2118, 3.4025, 7.0051

Details

The XYZ color **66.2084, 65.9536, 68.2722** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.3115, 75.5707, 85.8498**, and the grayscale version is **63.8509, 67.1762, 73.1548**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5966, 34.0810, 34.8919** is the 20% darker color. If you saturate the color by 10%, you get **58.4278, 54.5688, 52.8015**, and if you desaturate by 10%, it is **75.2138, 79.1309, 86.1736**.

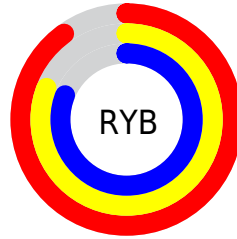
Distribution



Red (90%)

Green (81%)

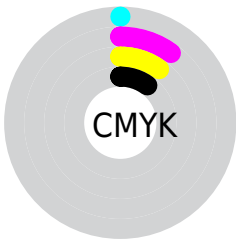
Blue (81%)



Red (90%)

Yellow (81%)

Blue (81%)

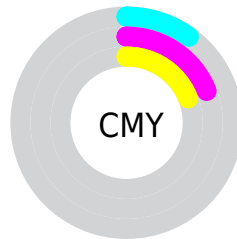


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (10%)



Cyan (10%)

Magenta (19%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2084, 65.9536, 68.2722 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 66.2084, 65.9536, 68.2722 by changing the saturation by 10% instead.

66.2084, 65.9536,
68.2722

66.2084, 65.9536,
68.2722

436.5987,
446.2109, 473.0841

48.7099, 48.2347,
49.6511

112.8415,
113.4197, 118.3994

34.6030, 34.0128,
34.7670

142.7068,
143.9358, 150.7425

23.5223, 22.9034,
23.2014

177.4250,
179.4864, 188.4968

15.1025, 14.5222,
14.5356

217.3617,
220.4559, 232.0808

8.9781, 8.4848,
8.3511

262.8820,
267.2287, 281.9130

4.7839, 4.4067,
4.2294

314.3514,

2.1545, 1.9036,

320.1892, 338.4119

1.7520

372.1352,
379.7218, 401.9960

■ 0.7186, 0.5505,
0.3960

■ 0.0000, 0.0000,
0.0000

■ 66.2084, 65.9536,
68.2722

■ 66.2084, 65.9536,
68.2722

■ 58.4278, 54.5688,
52.8015

■ 75.2138, 79.1309,
86.1736

■ 51.8138, 44.8908,
39.6527

■ 85.4878, 94.1641,
106.5996

■ 46.3119, 36.8401,
28.7151

■ 86.4434, 95.5632,
108.4972

■ 41.8612, 30.3273,
19.8674

■ 38.3946, 25.2546,
12.9764

■ 35.8376, 21.5127,
7.8939

■ 34.1049, 18.9770,
4.4502

■ 33.0952, 17.4993,
2.4440

■ 32.6339, 16.8240,
1.5274

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.3799, 65.9536, 73.6614



66.2084, 65.9536, 68.2722



65.0826, 65.9536, 64.0420

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.2084, 65.9536, 68.2722



59.9116, 65.9536, 65.2476



62.0489, 65.9536, 82.6954

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



66.2084, 65.9536, 68.2722



68.3115, 75.5707, 85.8498

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.3507, 65.9536, 80.1869



66.2084, 65.9536, 68.2722



59.1335, 65.9536, 69.9944

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.2084, 65.9536, 68.2722



61.4383, 65.9536, 62.3583



59.2926, 65.9536, 75.4726



63.9523, 65.9536, 82.1765

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.2084, 65.9536, 68.2722



63.9549, 65.9536, 62.3608



59.2926, 65.9536, 75.4726



61.4358, 65.9536, 82.1735

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



66.2102, 65.9565, 68.2736



91.4509, 94.7337, 101.7446



69.2297, 67.1627, 84.1785



19.3736, 19.9833, 21.3786



0.0000, 0.0000, 0.0000



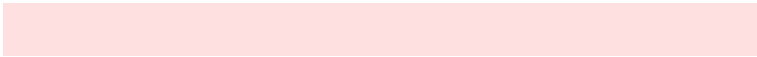
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.2102, 65.9565, 68.2736



81.5136, 80.1930, 81.9883



69.0977, 71.7314, 69.2361



14.3773, 14.3684, 14.9201



18.4754, 9.5249, 0.8647



1.3653, 0.7040, 0.0639

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



68.3115, 75.5707, 85.8498



84.6729, 94.6478, 108.4139



65.2172, 69.3820, 84.8184



14.8073, 16.3360, 18.5171



24.1000, 35.2620, 47.9192



1.7810, 2.6059, 3.5411

Previews

White Background



This preview shows how the XYZ color 66.2084, 65.9536, 68.2722 looks on a white background.

Color Contrast Check

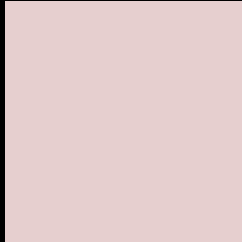
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 66.2084, 65.9536, 68.2722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

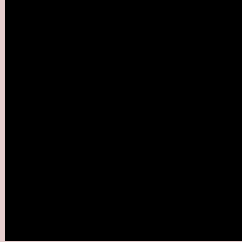
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.2084, 65.9536, 68.2722

Background



This preview shows how black text looks on a background with the XYZ color 66.2084, 65.9536, 68.2722.



This preview shows how white text looks on a background with the XYZ color 66.2084, 65.9536,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

66.2084, 65.9536, 68.2722

Protanopia

63.4182, 65.9437, 69.7075

Deuteranopia

67.3548, 65.8298, 68.1879



Tritanopia

68.1612, 66.0389, 77.5609

Trichromacy



Original Color

66.2084, 65.9536, 68.2722

Protanomaly

64.5560, 66.1768, 69.0455

Deuteranomaly

66.9381, 65.9712, 68.2372

Tritanomaly

67.4210, 66.0894, 74.1688

Monochromacy



Original Color

66.2084, 65.9536, 68.2722

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.5673, 66.5073, 71.0621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2084, 65.9536, 68.2722 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(230, 207, 207)` looks like.

```
.text, #text, p{  
    color:rgb(230, 207, 207)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(230, 207, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 207, 207) }
```

Border

The CSS property to change the border of an element to XYZ 66.2084, 65.9536, 68.2722 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 207, 207) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(230, 207, 207) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(230, 207, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 207, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 207, 207);  
box-shadow:4px 4px 4px 4px rgb(230, 207,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2084, 65.9536, 68.2722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 207, 207) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(230,  
207, 207) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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